

11

phone case having a front side with said display section thereon and having a rear side;

a rotary selector, for selecting various functions for the telephone set, said rotary selector disposed in said hinge section to turn in the same direction as said hinge section, said display member being responsive to actuation of said rotary selector for selecting a menu displayed on said display section and for adjusting sound volume on the telephone set, said rotary selector being actuable from both the front side and the rear side of said telephone set, said rotary selector including means capable of rotating in the same direction as said hinge section and of sliding longitudinally relative to said hinge section to control the position of a cursor on said display section; and

a plurality of button keys mounted on said housing member on the front side of said telephone set, said button keys and said rotary selector being positioned to permit a user holding the telephone set in one hand to operate said button keys and said rotary selector with the thumb of the one hand, so that telephone dialing functions can be performed by operating said rotary selector and button keys with the one hand of the user.

10. A portable radio telephone set comprising: an operation member having a plurality of button keys thereon and a microphone therein;

a display and receiver member having a display section for displaying a menu of telephone functions and having an output section for outputting received voice messages;

a hinge member hingedly joining said operation member and said display and receiver member to form a telephone case having a front side with said button keys, said display section, and said output section thereon, and having a rear side, said hinge member permitting hinged movement of said operation member and said display and receiver member

12

between a folded and housed position and an open operating position;

a rotary selector member within said hinge member and operable from both the front side and the rear side of said telephone set for selecting telephone functions from the menu displayed on said display and receiver member and for adjusting sound volume of said telephone set;

said button keys and said rotary selector being positioned to permit operation thereof by a user's thumb.

11. A portable radio telephone set according to claim 10, wherein said rotary selector member controls a cursor on said display section.

12. A portable radio telephone set according to one of claims 1, 9 and 10, wherein said set is adapted to assume alternatively a conversation mode and a non-conversation mode, and wherein said rotary selector is responsive to said telephone set being in the conversation mode for adjusting the telephone sound volume and is responsive to said telephone set being in the non-conversation mode for selecting functions from the menu.

13. A portable radio telephone set comprising:

a key panel member having a plurality of button keys for controlling operation of said telephone set;

a display member having a display section for displaying a menu of telephone functions;

a hinge member hingedly joining said key panel member and said display member to form a telephone case having a front side with said button keys and said display section thereon and having a rear side; and

a selector member mounted within said hinge member of said telephone case and operable from both said front side and said rear side of said telephone case for selecting telephone functions from the menu displayed on said display section.

* * * * *